

811	272.6	16.2	1165	18	US-10-038-854-25	Sequence 25, Appl	1082	53.6	3.2	731	21	US-10-425-115-169207	Sequence 169207,
812	272.6	16.2	1196	18	US-10-038-854-23	Sequence 23, Appl	1083	53.4	3.2	410	21	US-10-425-115-105926	Sequence 105926,
813	272.6	16.2	1327	19	US-10-312-352-51	Sequence 51, Appl	1084	53.4	3.2	1189	20	US-10-437-963-40780	Sequence 40780, A
820	272.6	16.2	4834	15	US-10-066-269-129	Sequence 129, App	1085	53.4	3.2	1971	21	US-10-425-115-106633	Sequence 106633,
868	272.6	16.2	4834	16	US-10-019-065-11	Sequence 1, Appl1	1086	53	3.2	607	21	US-10-357-930-58712	Sequence 58712, A
928	271	16.1	1119	18	US-10-042-865-13	Sequence 13, Appl	1087	53	3.2	663	21	US-10-425-115-120879	Sequence 120879,
929	271	16.1	2383	18	US-10-104-047-995	Sequence 995, App	1088	53	3.2	1171	21	US-10-425-115-14321	Sequence 14321, A
964	269.4	16.0	2840	15	US-10-167-749-611	Sequence 611, App	1089	52.8	3.1	282	21	US-10-425-115-141273	Sequence 141273,
1000	269.4	16.0	2840	18	US-10-170-481A-611	Sequence 611, App	1090	52.8	3.1	3351	17	US-10-134-102-5	Sequence 5, Appl1
1002	269.4	16.0	2840	18	US-10-210-028-611	Sequence 611, App	c1091	52.8	3.1	5567	16	US-10-311-455-1562	Sequence 1562, Ap
1007	269.4	16.0	2840	18	US-10-162-521A-611	Sequence 611, App	c1092	52.8	3.1	5567	19	US-10-240-589C-82	Sequence 82, Appl
1019	269.4	16.0	2840	22	US-10-918-851-611	Sequence 611, App	1093	52.6	3.1	2273	21	US-10-425-115-14026	Sequence 14026, A
1020	269.4	16.0	2840	22	US-10-805-667-611	Sequence 611, App	c1094	52.4	3.1	579	21	US-10-363-345A-12021	Sequence 12021, A
1021	269.4	16.0	2840	22	US-10-897-359-611	Sequence 611, App	1095	52.4	3.1	579	21	US-10-363-345A-12022	Sequence 12022, A
1022	269.4	16.0	2840	22	US-10-893-802-611	Sequence 611, App	c1096	52.4	3.1	579	22	US-10-363-483A-12021	Sequence 12021, A
1023	269.4	16.0	2840	22	US-10-897-360-611	Sequence 611, App	1097	52.4	3.1	579	22	US-10-363-483A-12022	Sequence 12022, A
1025	269.4	16.0	2840	26	US-11-129-762-611	Sequence 611, App	c1098	52.4	3.1	679	15	US-10-198-846-2750	Sequence 2750, Ap
1026	260.4	15.5	1017	18	US-10-015-115-23	Sequence 23, Appl	1099	52.4	3.1	2309	21	US-10-425-115-47194	Sequence 47194, A
1027	260.4	15.5	1427	19	US-10-471-449-21	Sequence 21, Appl	c1100	52.4	3.1	5586	18	US-10-257-165-86	Sequence 86, Appl
1028	260.4	15.5	2653	20	US-10-480-172-7	Sequence 7, Appl1	c1101	52.2	3.1	571	20	US-10-021-323-7115	Sequence 7115, Ap
1029	258.8	15.4	1018	18	US-10-015-115-21	Sequence 21, Appl	1102	52.2	3.1	1956	19	US-10-424-595-65202	Sequence 65202, A
1030	257.2	15.3	1136	18	US-10-015-115-25	Sequence 25, Appl	1103	52.2	3.1	2010	26	US-11-097-143-14513	Sequence 14513, A
1031	246	14.7	1011	19	US-10-332-947-25	Sequence 25, Appl	1104	52.2	3.1	2057	28	US-10-266-829-15	Sequence 15, Appl
1032	246	14.7	1169	18	US-10-015-115-27	Sequence 27, Appl	1105	52.2	3.1	3063	20	US-10-467-595-83	Sequence 83, Appl
1033	240.8	14.3	2813	9	US-09-764-853-141	Sequence 141, App	1106	52.2	3.1	3927	14	US-10-108-605-48	Sequence 48, Appl
1034	234	13.9	2601	20	US-10-480-172-13	Sequence 13, Appl	1107	52.2	3.1	18218	16	US-10-311-455-1921	Sequence 1921, Ap
1035	232	13.8	1056	19	US-10-332-947-24	Sequence 24, Appl	c1108	52.2	3.1	183	16	US-10-102-524-1821	Sequence 1821, Ap
1036	220.6	13.1	4656	15	US-10-091-438-57	Sequence 57, Appl	1109	52	3.1	484	21	US-10-357-930-58727	Sequence 58727, A
1037	217.8	13.0	2883	24	US-10-450-763-13807	Sequence 13807, A	c1110	52	3.1	517	21	US-10-425-115-82733	Sequence 82733, A
1038	211.4	12.6	7554	20	US-10-480-172-9	Sequence 9, Appl1	c1111	52	3.1	648	21	US-10-425-115-140307	Sequence 140307,
1039	208.6	12.4	2597	13	US-10-480-172-11	Sequence 11, App	1112	52	3.1	5739	16	US-10-311-455-692	Sequence 692, App
c1040	173.6	10.3	620	13	US-09-925-065A-544756	Sequence 544756,	c1113	52	3.1	633	21	US-10-425-115-8940	Sequence 8940, Ap
1041	170.2	10.1	767	24	US-10-450-763-13841	Sequence 13841, A	1114	51.8	3.1	668	19	US-10-425-115-8940	Sequence 8940, Ap
c1042	168.6	10.0	169	13	US-09-925-065A-156319	Sequence 156319,	1115	51.8	3.1	731	21	US-10-425-115-184116	Sequence 184116,
c1043	167	9.9	169	13	US-09-925-065A-156318	Sequence 156318,	1116	51.8	3.1	1167	21	US-10-425-115-88123	Sequence 88123, A
1044	164	9.8	600	24	US-10-972-079-72637	Sequence 72637, A	1117	51.8	3.1	461	20	US-10-437-963-92730	Sequence 92730, A
c1051	137.2	8.2	693	24	US-10-450-763-13842	Sequence 13842, A	c1124	51.6	3.1	8979	16	US-10-311-455-757	Sequence 757, App
c1052	121	7.2	601	13	US-09-925-065A-77258	Sequence 77258, A	c1125	51.6	3.1	8979	18	US-10-221-613-137	Sequence 137, App
1053	110.8	6.6	125	21	US-10-723-860-4801	Sequence 4801, Ap	1126	51.4	3.1	421	20	US-10-021-323-7658	Sequence 7658, Ap
1054	107	6.4	1275	24	US-10-450-763-7708	Sequence 7708, Ap	1127	51.4	3.1	528	21	US-10-425-115-102437	Sequence 102437,
1055	107	6.4	1275	24	US-10-450-763-13840	Sequence 13840, A	1128	51.4	3.1	585	20	US-10-021-323-4901	Sequence 4901, Ap
1056	107	6.4	1275	24	US-10-450-763-14396	Sequence 14396, A	c1129	51.2	3.0	334	21	US-10-425-115-149581	Sequence 149581,
1057	105.6	6.3	913	18	US-10-120-988-410	Sequence 410, App	1130	51.2	3.0	334	19	US-10-424-599-89995	Sequence 89995, A
1058	94.4	5.6	2678	24	US-10-450-763-3050	Sequence 3050, App	1131	51.2	3.0	332	21	US-10-357-930-48375	Sequence 48375, A
1059	94.4	5.6	2678	24	US-10-450-763-7527	Sequence 7527, Ap	1132	51.2	3.0	443	21	US-10-425-115-20056	Sequence 20056, A
1060	94.4	5.6	3131	24	US-10-450-763-249	Sequence 249, App	1133	51.2	3.0	491	21	US-10-425-115-38412	Sequence 38412, A
c1061	94.4	5.6	3131	24	US-10-450-763-602	Sequence 602, App	1134	51.2	3.0	504	21	US-10-357-930-58645	Sequence 58645, A
c1062	89	5.3	2026	20	US-10-676-248B-6	Sequence 6, Appl1	1135	51.2	3.0	608	19	US-10-424-599-59595	Sequence 59595, A
c1063	76.8	4.6	566	13	US-09-925-065A-631645	Sequence 631645,	1136	51.2	3.0	807	21	US-10-425-115-119727	Sequence 119727,
c1064	73	4.3	293	9	US-09-764-853-347	Sequence 347, App	1137	51.2	3.0	894	11	US-09-764-875-44	Sequence 44, Appl
1065	73	4.3	293	15	US-10-091-438-112	Sequence 112, App	1138	51.2	3.0	972	21	US-10-425-115-51692	Sequence 51692, A
1066	63.8	3.8	1392	14	US-10-424-599-31821	Sequence 31821, A	c1139	51.2	3.0	1110	20	US-10-437-963-46659	Sequence 46659, A
c1067	61.2	3.6	718	14	US-10-027-632-17789	Sequence 17789, A	1140	51.2	3.0	1381	20	US-10-767-701-95377	Sequence 9537, Ap
c1068	61.2	3.6	718	18	US-10-027-632-17789	Sequence 17789, A	1141	51.2	3.0	1981	21	US-10-425-115-178086	Sequence 178086,
1069	60	3.6	60	10	US-09-908-975-13736	Sequence 13736, A	1142	51.2	3.0	2286	22	US-10-887-553A-930	Sequence 930, App
1070	57.2	3.4	248	20	US-10-021-323-9953	Sequence 9953, Ap	1143	51	3.0	498	21	US-10-425-115-27352	Sequence 27352, A
c1071	56.6	3.4	399	9	US-09-960-352-12773	Sequence 12773, A	c1144	51	3.0	517	20	US-10-021-323-11054	Sequence 11054, A
1072	55.8	3.3	665	20	US-10-767-701-20328	Sequence 20328, A	1145	51	3.0	1495	19	US-10-424-599-36589	Sequence 36589, A
1073	55.6	3.3	247	21	US-10-357-930-56798	Sequence 56798, A	1146	50.8	3.0	409	20	US-10-437-963-93518	Sequence 93518, A
1074	55.4	3.3	3569	20	US-10-767-701-14981	Sequence 14981, A	1147	50.8	3.0	540	21	US-10-425-115-117119	Sequence 117119,
1075	55	3.3	440	21	US-10-425-115-140282	Sequence 140282,	1148	50.8	3.0	553	21	US-10-425-115-112028	Sequence 112028,
1076	55	3.3	563	21	US-10-425-115-96437	Sequence 96437, A	1149	50.8	3.0	597	21	US-10-425-115-35417	Sequence 35417, A
c1077	55	3.3	6359	18	US-10-257-166-26	Sequence 26, Appl	1150	50.8	3.0	643	15	US-10-198-846-8987	Sequence 8987, Ap
1078	54.8	3.3	1199	21	US-10-425-115-36465	Sequence 36465, A	1151	50.8	3.0	845	21	US-10-425-115-60939	Sequence 60939, A
1079	54.4	3.2	514	10	US-09-918-995-2447	Sequence 2447, Ap	1152	50.8	3.0	1004	21	US-10-425-115-75154	Sequence 75154, A
c1080	54.4	3.2	6171	16	US-10-311-455-761	Sequence 761, App	1153	50.8	3.0	1036	18	US-10-242-538A-53529	Sequence 53529, A
1081	53.8	3.2	489	21	US-10-425-115-14467	Sequence 14467, A	1154	50.8	3.0	1036	19	US-10-085-783A-53529	Sequence 53529, A

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1156	50.8	3.0	1985	19	US-10-424-599-67834	Sequence 67834, A	1229	49.8	3.0	506	10	US-09-918-995-10105	Sequence 10105, A
1157	50.8	3.0	2646	21	US-10-425-115-31139	Sequence 31139, A	1230	49.8	3.0	534	21	US-10-425-115-10497	Sequence 10497, A
1158	50.6	3.0	336	19	US-10-424-599-100526	Sequence 100526, A	1231	49.8	3.0	543	21	US-10-357-930-56504	Sequence 56504, A
c1159	50.6	3.0	393	10	US-09-814-353-15254	Sequence 15254, A	1232	49.8	3.0	571	20	US-10-021-323-8505	Sequence 8505, Ap
1160	50.6	3.0	395	21	US-10-425-115-135930	Sequence 135930, A	1233	49.8	3.0	600	22	US-10-956-157-5858	Sequence 5858, Ap
1161	50.6	3.0	496	19	US-10-424-599-74788	Sequence 74788, A	1234	49.8	3.0	635	21	US-10-425-115-11555	Sequence 11555, A
1162	50.6	3.0	538	19	US-10-424-599-51250	Sequence 51250, A	c1235	49.8	3.0	689	21	US-10-425-115-118276	Sequence 118276, A
1163	50.6	3.0	600	24	US-10-972-079-78376	Sequence 78376, A	1236	49.8	3.0	1048	19	US-10-351-334-38	Sequence 38, Appl
1164	50.6	3.0	856	9	US-09-770-445-613	Sequence 613, App	1237	49.8	3.0	1833	19	US-10-231-956A-76	Sequence 76, Appl
1165	50.6	3.0	1226	19	US-10-424-599-43121	Sequence 43121, A	1238	49.8	3.0	1833	21	US-10-684-422-254	Sequence 254, App
c1166	50.6	3.0	2270	19	US-10-424-599-44604	Sequence 44604, A	1239	49.8	3.0	1833	22	US-10-489-740-65	Sequence 65, Appl
1167	50.6	3.0	2924	16	US-10-205-219-103	Sequence 103, App	1240	49.8	3.0	1833	22	US-10-956-157-623	Sequence 623, App
c1168	50.6	3.0	4990	21	US-10-357-930-24994	Sequence 24994, A	1241	49.8	3.0	1837	18	US-10-439-703-75	Sequence 75, Appl
c1169	50.6	3.0	4990	21	US-10-357-930-25389	Sequence 25389, A	1242	49.8	3.0	2044	9	US-09-925-302-315	Sequence 315, App
c1170	50.6	3.0	5001	15	US-10-198-846-11011	Sequence 11011, A	1243	49.8	3.0	2044	10	US-09-925-302-315	Sequence 315, App
c1171	50.6	3.0	6029	19	US-10-240-589C-66	Sequence 66, Appl	1244	49.8	3.0	2045	15	US-10-013-477-2	Sequence 2, Appli
c1172	50.6	3.0	3673778	17	US-10-312-841-1	Sequence 1, Appli	1245	49.8	3.0	2045	16	US-10-106-698-349	Sequence 349, App
c1173	50.4	3.0	272	9	US-09-960-352-6986	Sequence 6986, Ap	1246	49.8	3.0	2496	9	US-09-745-763-101	Sequence 101, App
1174	50.4	3.0	319	18	US-10-242-535A-15028	Sequence 15028, A	1247	49.8	3.0	2496	9	US-10-463-260-3	Sequence 3, Appli
1175	50.4	3.0	319	19	US-10-085-783A-15028	Sequence 15028, A	1248	49.8	3.0	3436	9	US-09-789-561-12	Sequence 12, Appl
1176	50.4	3.0	590	21	US-10-425-115-102850	Sequence 102850, A	1249	49.8	3.0	3436	9	US-09-790-622-3	Sequence 3, Appli
1177	50.4	3.0	1340	21	US-10-425-115-9974	Sequence 9974, Ap	1250	49.8	3.0	3436	16	US-10-141-953-3	Sequence 3, Appli
c1178	50.4	3.0	3687	21	US-10-602-494-233	Sequence 233, App	1251	49.8	3.0	3436	22	US-10-883-936-12	Sequence 12, Appl
c1179	50.4	3.0	6668	16	US-10-311-455-1669	Sequence 1669, App	1252	49.8	3.0	4080	19	US-10-424-599-115754	Sequence 115754, A
1180	50.2	3.0	201	21	US-10-357-930-19039	Sequence 19039, A	c1253	49.8	3.0	7346	16	US-10-311-455-318	Sequence 318, App
c1181	50.2	3.0	383	21	US-10-357-930-34078	Sequence 34078, A	1254	49.6	3.0	353	20	US-10-437-963-1102	Sequence 1102, App
c1182	50.2	3.0	383	21	US-10-357-930-42946	Sequence 42946, A	1255	49.6	3.0	378	21	US-10-425-115-44608	Sequence 44608, A
c1183	50.2	3.0	384	10	US-09-814-353-2534	Sequence 2534, Ap	c1256	49.6	3.0	414	21	US-10-425-115-3585	Sequence 3585, Ap
c1184	50.2	3.0	384	10	US-09-814-353-8870	Sequence 8870, Ap	1257	49.6	3.0	481	20	US-10-021-323-14917	Sequence 14917, A
1185	50.2	3.0	384	21	US-10-357-930-18971	Sequence 18971, A	c1258	49.6	3.0	543	21	US-10-425-115-117433	Sequence 117433, A
1186	50.2	3.0	418	20	US-10-437-963-799114	Sequence 79114, A	c1259	49.6	3.0	613	21	US-10-425-115-82545	Sequence 82545, A
c1187	50.2	3.0	433	21	US-10-425-115-119917	Sequence 19917, A	1260	49.6	3.0	660	19	US-10-424-599-24054	Sequence 24054, A
1188	50.2	3.0	448	21	US-10-357-930-48836	Sequence 48836, A	1261	49.6	3.0	665	21	US-10-425-115-180319	Sequence 180319, A
1189	50.2	3.0	462	21	US-10-425-115-111572	Sequence 111572, A	1262	49.6	3.0	687	19	US-10-424-599-115631	Sequence 115631, A
1190	50.2	3.0	473	21	US-10-425-115-115810	Sequence 115810, A	1263	49.6	3.0	716	22	US-10-764-420-422	Sequence 422, App
1191	50.2	3.0	485	21	US-10-425-115-144725	Sequence 144725, A	1264	49.6	3.0	1466	21	US-10-425-115-176985	Sequence 176985, A
1192	50.2	3.0	567	21	US-10-425-115-88563	Sequence 88563, A	1265	49.6	3.0	1486	21	US-10-723-860-5536	Sequence 5536, Ap
1193	50.2	3.0	574	21	US-10-425-115-179039	Sequence 179039, A	1266	49.6	3.0	1590	21	US-10-425-115-128137	Sequence 128137, A
c1194	50.2	3.0	575	19	US-10-424-599-59730	Sequence 59730, A	1267	49.6	3.0	1743	19	US-10-424-599-56660	Sequence 56660, A
1195	50.2	3.0	577	21	US-10-425-115-98308	Sequence 98308, A	1268	49.6	3.0	1977	20	US-10-437-963-98224	Sequence 98224, A
1196	50.2	3.0	629	20	US-10-437-963-61015	Sequence 61015, A	c1269	49.6	3.0	2161	10	US-09-814-353-21598	Sequence 21598, A
1197	50.2	3.0	732	20	US-10-437-963-101250	Sequence 101250, A	c1270	49.6	3.0	5520	16	US-10-311-455-650	Sequence 650, App
1198	50.2	3.0	821	21	US-10-425-115-121786	Sequence 121786, A	c1271	49.6	3.0	6015	16	US-10-311-455-650	Sequence 650, App
1199	50.2	3.0	1460	19	US-10-424-599-142655	Sequence 142655, A	c1272	49.6	3.0	3673778	17	US-10-312-841-2	Sequence 2, Appli
c1200	50.2	3.0	6476	16	US-10-311-455-513	Sequence 513, App	1273	49.4	2.9	408	21	US-10-357-930-56685	Sequence 56685, A
1201	50	3.0	306	21	US-10-425-115-145784	Sequence 145784, A	c1274	49.4	2.9	438	21	US-10-357-930-45909	Sequence 45909, A
1202	50	3.0	325	21	US-10-357-930-59036	Sequence 59036, A	1275	49.4	2.9	464	20	US-10-437-963-42927	Sequence 42927, A
1203	50	3.0	458	21	US-10-425-115-111238	Sequence 111238, A	c1276	49.4	2.9	537	21	US-10-425-115-126404	Sequence 126404, A
1204	50	3.0	464	21	US-10-357-930-50950	Sequence 50950, A	c1277	49.4	2.9	541	21	US-10-425-115-53974	Sequence 53974, A
1205	50	3.0	471	21	US-10-357-930-54342	Sequence 54342, A	1278	49.4	2.9	561	21	US-09-918-995-12358	Sequence 12358, A
1206	50	3.0	520	10	US-09-918-995-32839	Sequence 32839, A	1279	49.4	2.9	579	21	US-10-357-930-58709	Sequence 58709, A
1207	50	3.0	539	21	US-10-425-115-69113	Sequence 69113, A	1280	49.4	2.9	642	21	US-10-425-115-181737	Sequence 181737, A
1208	50	3.0	870	10	US-09-948-820-12	Sequence 12, Appl	1281	49.4	2.9	693	21	US-10-425-115-177175	Sequence 177175, A
1209	50	3.0	1302	21	US-10-613-076-12	Sequence 12, Appl	1282	49.4	2.9	788	16	US-10-106-698-2095	Sequence 2095, App
1210	50	3.0	870	21	US-10-739-930-5166	Sequence 5166, Ap	c1283	49.4	2.9	813	20	US-10-437-963-9434	Sequence 9434, Ap
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1212	50	3.0	1509	21	US-10-425-115-156329	Sequence 156329, A	1285	49.4	2.9	1320	21	US-10-425-115-35301	Sequence 35301, A
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	DB ID	Description
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227	1806	100.0	1679	16	US-10-223-085-55
233	1806	100.0	1679	16	US-10-219-065-125
263	1806	100.0	1679	16	US-10-223-084-55
264	1806	100.0	1679	16	US-10-223-088-55
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270	1806	100.0	1679	16	US-10-223-087-55
272	1806	100.0	1679	16	US-10-223-083-55
275	1806	100.0	1679	16	US-10-223-089-55
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488	1806	100.0	1679	17	US-10-223-082-55
557	1806	100.0	1679	18	US-10-170-481A-522
559	1806	100.0	1679	18	US-10-210-028-522
519	1806	100.0	1679	18	US-10-162-521A-522
627	1806	100.0	1679	18	US-10-305-654-55
642	1806	100.0	1679	19	US-10-081-056-55
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662	1806	100.0	1679	22	US-10-931-886-375
663	1806	100.0	1679	22	US-10-805-667-522
664	1806	100.0	1679	22	US-10-897-359-522
666	1806	100.0	1679	22	US-10-893-802-522
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